Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 00:00 on Saturday 10 Jul 2021 until 23:59 on Sunday 11 Jul 2021

Forecast Issued on Friday 09 Jul 2021 at 16:14

Confidence: High confidence for unsettled continuing over the weekend and early next week. Low for details of shower distribution and intensities.

Headline for Saturday 10 Jul 2021: Sunny spells and heavy showers, possibly thundery at times.

Mountain weather hazards on Saturday 10 Jul 2021

Blizzards No Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** Low Likelihood
Thunderstorms Low Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** High Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Cloudy	Cloudy	Sunny intervals	Light rain showers	Heavy rain showers	Light rain showers	Partly cloudy (night)
Precipitation probability							
00%	00%	00%	10%	20%	30%	20%	10%

Forecast for Saturday 10 Jul 2021

Weather: Overnight will be rather cloudy, but mostly dry. Perhaps some drizzle or light rain on the summits. Low cloud and mist should soon lift and disperse to give way to bright or sunny spells during Saturday morning. However, showers will soon develop in the afternoon, which are likely to be heavy and possibly thundery at times. Daytime showers will gradually ease during the evening, especially after sunset.

Chance of cloud free mountain/hill tops above 600m: 30% chance during the morning, with cloud bases down to 300-400m. Increasing to 80% chance from mid-morning onwards, but cloud bases lowering briefly in any heavy showers during the afternoon.

Visibility: Poor visibility first thing. Becoming good from mid-morning, with brief deteriorations in any heavy showers during the afternoon.

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Forecast for Saturday 10 Jul 2021

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	7/11 NE	5/9 NE	7/11 NE	7/11 E	8/13 E	6/10 E	4/8 SE	4/7 SE	5/8 S
300	5/12 NE	4/9 NE	4/9 NE	6/10 E	7/13 E	4/8 SE	4/8 SE	3/6 SE	2/6 S
Valley	4/8 NE	3/6 E	3/7 E	5/9 E	6/13 E	3/8 W	3/7 S	2/5 SE	2/6 SE

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	12/11	12/12	12/11	13/12	14/13	15/15	15/14	13/13	12/11
300	14/14	14/14	14/14	16/16	18/17	18/18	17/17	14/15	13/13
Valley	15/15	15/15	16/16	18/18	19/19	18/19	18/18	15/16	14/14
Freezing Level*	2700m	2700m	2700m	2600m	2700m	2700m	2700m	2700m	2700m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

High UV levels on Saturday, where any sunnier breaks develop, especially in between the showers, so adequate protection is still recommended. Pollen levels will be high.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Fri 09 Jul 2021	0mm	0mm	1.2mm

Forecast for Sunday 11 Jul 2021

Weather: Overnight will be cloudy and misty, with low cloud on the summits. Low cloud and mist will soon lift and disperse during Sunday morning with some bright or sunny spells developing. However, showers will be breaking out in the afternoon and evening, which are likely to be heavy and possibly thundery at times.

Maximum wind: Southerly 5-10mph.

Chance of cloud free mountain/hill tops above 600m: : 20% chance during the morning, with cloud bases down to 400m or so, increasing to 80% by the afternoon, with brief deteriorations in any heavy showers in the afternoon and evening.

Visibility: Poor in low cloud and mist first thing. Becoming good during the morning as any cloud lifts off the summits, with distant peaks visible, albeit rather hazy. Temporary reductions to poor or moderate in heavy showers during the afternoon.

Temperature: **Valleys:** Plus 12 Celsius, becoming plus 19 Celsius.
At 600m: Plus 11 Celsius, becoming plus 14 Celsius.
Freezing level: Well above the summits.

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